

### ABSTRACT

A shoe is fabricated from an upper structure and a sole structure wherein the sole structure contains a gas-filled cushioning device composed of a multi-layer film formed into a gas-filled membrane having an interior compartment enclosing at least one capture gas. The multi-layer film comprises an outer layer of an elastomeric thermoplastic material such as a polyurethane, an inner layer of an elastomeric thermoplastic material such as a polyurethane and a barrier layer interposed therebetween which is derived from a combination of at least one ethylene-vinyl alcohol copolymer and up to about 50 wt. % of an aliphatic thermoplastic urethane.